



WASHINGTON STATE DEPARTMENT OF
Natural Resources
Doug Sutherland - Commissioner of Public Lands

Aquatic Resources Habitat Conservation Plan

Species Selection Process

- Compiled master list of all species listed in Washington
 - Eliminated terrestrial species
 - Gathered baseline information (Listing status; Habitat used; Occurrence; Life history requirements)
 - Assessed:
 - ✓ Probability of being listed in the future;
 - ✓ Degree of dependence on submerged habitats;
 - ✓ Vulnerability to authorized activities;
 - ✓ Critical benefit to species from inclusion in HCP
 - Gathered supplemental information (Threats; Prey; Take mechanisms; Existing recovery plans; WA Priority Habitat areas)
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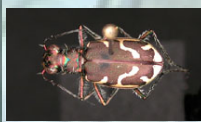
Species Decision Matrix

Activities Potential to Affect	Currently Listed	Species of Concern	Designated Imperiled	No Designation
High	Covered	Covered	Evaluation	Evaluation
Medium	Evaluation	Evaluation	Evaluation	Watch
Low	Evaluation	Evaluation	Watch	Watch

Covered - Sufficient biological information to include in the HCP, and/or close association to covered species

Evaluation - Requires additional information to include in the HCP, and/or listing may be imminent

Watch - Inadequate information to include in the HCP, and/or not at risk





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Potentially Covered Species

Amphibians & Reptile (4)

Columbia spotted frog, Northern leopard frog, Western toad, Western pond turtle



Western toad



Western pond turtle



Columbia spotted frog



Northern leopard frog



Common loon



Bald eagle



Western snowy plover



Marbled murrelet



Harlequin Duck



Black tern



Brown pelican

Birds (7)

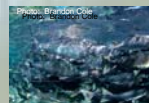
Bald eagle, Black tern, California brown pelican, Common loon, Harlequin duck, Marbled murrelet, Western snowy plover

Fish (8)

Bull trout/Dolly Varden, Chinook, Chum, Coastal cutthroat, Coho, Pink salmon, Sockeye/Kokanee, Steelhead



Steelhead



Pink



Bull trout



Coastal cutthroat



Coho



Chinook



Chum



Sockeye



Photo: Brandon Cline

Marine Mammal

Southern resident killer whale



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Habitat Definition

Definitely and Probably Navigable Waters

Two Saltwater Regions

Coastal (19%) – Cape Flattery south to Cape Disappointment

Inland (59%) – Straits of Juan de Fuca, San Juan Islands, Puget Sound



Freshwater Classified By



River Gradient: Cascade (<1%), Low-gradient valley (2%), Plane bed (<1%), Pool-riffle (2%), Step-pool (<1%)



Lake Productivity: Oligotrophic (<1%); Mesotrophic (1%); Eutrophic (2%); Unknown (10%)